## Bond Act Grant Recipient Submittal Checklist <u>Design Development Detail Checklist</u>

For CSL Use: Reviewed by:	Date:	Project Number:

SUBMITTAL REQUIREMENTS -		Grant Recipient Use		State Library Use		NOTES
	SUDIVILLIAL REQUIREIVIENTS		Included in Submittal?		ived in nittal?	NOTES
		YES			NO	1
Fou	r (4) Sets of Plans & Specifications			YES		
One	Section 16-703 (b)(1), p. 4 e (1) Copy of All Supporting Documents Required					
One	Section 16-703 (b)(2), p. 4					
OLO	C Comments from Schematic drawings incorporated					
	submittal?					
1	Site Plan Section 16-703, (i)(1), p. 6					
	All buildings dimensioned from adjacent structures					
	or other critical site features		$  \sqcup  $			
	Datum elevations at all entries					
	Street lines and grades					
	Property lines					
	Required setbacks					
	Required easements					
	Required parking					
	Required sidewalks					
	Preliminary site and exterior building lighting scheme					
	Identification of fixture types					
	Routing of sewer, water, gas and other utilities					
	Site detailing—typical external elements					
2	Floor Plans Section 16-703, (i)(2), p. 6					
	Complete functional layout					
	Complete room designations					
	All major dimensions shown					
	All critical dimensions shown					
	All columns shown					
3	Exterior Elevations Section 16-703, (i)(3), p. 6					
	Full-height facades shown					
	Type and extent of exterior finishes					
	All openings including fenestration shown					
	Overall vertical building heights shown					
	Treatment of visible mechanical equipment shown					

	SUBMITTAL REQUIREMENTS Rec		Grant Recipient Use Included in Submittal?		_ibrary se ved in	NOTES
		YES NO		Submittal? YES NO		
	Treatment of abutting topography and grade					
	relationship					
4	Roof Plan					
	Section 16-703, (i)(4), p. 6					
	Roof materials delineated			ᆜ		
	Direction and slope of roof			Ц_	<u> </u>	
	Relationship of exterior wall to roof			Ц_	<u> </u>	
	Relationship of exterior wall to overhangs			<u> </u>		
	Relationship of exterior wall to covered areas	Ш				
	Mechanical equipment areas and screening	Ш	Ш	Ш	Ш	
	Location and major dimensions for major roof					
_	elements					
5	Building Sections					
	Section 16-703, (i)(5), p. 6 One longitudinal					
	One latitudinal			<u> </u>	<u> </u>	
				片	片片	
	Typical wall construction shown			片	片	
	Typical foundation			<u> </u>		
	Typical parapet design			ᆜ		
	Typical installation methods	Ш	Ш			
	Impact of typical window penetrations shown					
	Impact of typical mechanical penetrations shown	Ш				
	Relationship of various levels shown					
	Floor to ceiling heights shown					
	Ceiling height, bookstack height, and fire sprinkler					
	system coordination shown					
6	Details					
	Section 16-703, (i)(6), p. 6 Key conditions shown					
	Window and frame types			H	H	
	Frame and door types			H	H	
	Typical wall types					
	Non-typical design-related detailing			片		
7		Ш		Ш	Ш	
7	Interior Elevations Section 16-703, (i)(7), p. 6					
	Typical and special spaces shown			П	П	
	Built-in cabinetry or counters shown			Ħ	Ħ	
	Basic dimensions delineated			H	Ħ	
	Casework, counters, and other built-ins					
	dimensions, including height and depth		Ш			
8	Reflected Ceiling Plan					
	Section 16-703, (i)(8), p. 6					
	Structural, mechanical, and electrical impact					
	shown Including low voltage systems, such as:					
	<u> </u>	$\vdash \vdash$	片	⊢	<del>                                     </del>	
	Security	<del></del>	닏			
	Audio-visual	<u> </u>	닏			
	Public address system speakers	$\Box$			igert	
9	Schedules Section 16-703, (i)(9), p. 6					

SUBMITTAL REQUIREMENTS		Grant Recipient Use Included in		State Library Use Received in		NOTES				
		Submittal? YES NO		Submittal?				Subm		
	Versal to floor plans	YES	NO	YES	NO					
	Keyed to floor plans									
	Non-repetitive and comprehensive Keyed to elevations									
	· ·	片片		<u> </u>	<u> </u>					
	Non-repetitive and comprehensive Pre-final interior finishes	片片		<u> </u>	<u> </u>					
	Pre-final frame and door types			<u> </u>	<u> </u>					
	Pre-final window and glazing			<u> </u>	<u> </u>					
40	Preliminary hardware	Ш								
10	Furniture, Furnishings and Equipment Plan Section 16-703, (i)(10), p. 6									
	Special interior des ign features			<u> </u>	<u> </u>					
	Preliminary materials, finishes, and colors	Ш								
11	Signage Schedule and Plan Section 16-703, (i)(11), p. 6									
	Size of all interior signs									
	Type of all interior signs									
	Nomenclature of all interior signs									
12	Assignable Square Footage Comparison Section 16-703, (i)(12), p. 6									
	Assignable square footage for each area identified in the Final Library Building Program									
	Assignable Square Footage shown on Floor Plan			$\Box$						
	Changes from schematic submittal highlighted	H		H	Ħ					
13	Engineering Plans and Specifications Section 16-703, (i)(13), p. 6									
	Civil Section 16-703 (i)(13)(A), p. 6									
	Grading			П						
	Drainage									
	Preliminary details for off-site work									
	Preliminary details for on-site work									
	Structural									
	Section 16-703 (i)(13)(B), p. 6 Basic structural system and dimensions									
	shown		Ш	Ш						
	Structural design criteria									
	Foundation design criteria									
	Preliminary sizing of major structural components									
	Mechanical Section 16-703 (i)(13)(C), p. 7									
	Preliminary equipment and duct layout									
	Approximate equipment sizes and capacities									
	Required space for equipment and chases									
	Coordination with structural systems									
	Coordination with acoustical systems									
	Coordination with energy conservation measures									
	Coordination with visual impacts									
	Plumbing Section 16-703 (i)(13)(D), p. 7									

SUBMITTAL REQUIREMENTS	Grant Recipient Use Included in Submittal?		State Library Use  Received in Submittal?		NOTES
	YES	NO	YES	NO	
Routing of preliminary building plumbing lines		T			
Point of entry for water	H	ĦĒ		Ē	
Point of entry for gas		ĦĒ			
Point of entry for storm drainage		ΤĒ	Ē	一 <del>直</del> 十	
Point of entry for sewer		ΤĒ	Ē	一 <del>直</del> 十	
Preliminary details		ΤĒ	Ē	一 <del>直</del> 十	
Electrical Section 16-703 (i)(13)(E), p. 7					
Electrical site plan					
Electrical building plan					
Preliminary lighting plan					
Preliminary fixture schedule					
Single line diagram					
Preliminary power, data and					
communication plans					
Preliminary security plan					
Preliminary fire alarm plan					
Preliminary low voltage plan					
Lighting System Plan Section 16-703 (i)(13)(E)(i), p. 7					
Overlaid on Furniture, Furnishings, and Equipment Plan and Signage Plan					
Artificial illumination sources shown					
Legend for type of light fixtures shown					
Catalog "Cut" Sheets		$\Box$			
Section 16-703 (i)(13)(E)(ii), p. 7  "Cut" sheet for each lighting fixture		$+\overline{-}$			
Fixture configuration, type and lens		+=			
shown					
Keyed to legend on the plans					
Electrical Data and Distribution Systems Plan Section 16-703 (i)(13)(E)(iii), p. 7					
Section 16-703 (i)(13)(E)(iii), p. 7 Overlaid on Furniture, Furnishings, and					
Equipment Plan					
All service panel boards shown					
Power outlets shown		$\perp$ $\sqcup$	Ш		
Telephone and data communication outlets shown					
Audio-visual outlets shown		$\perp \sqsubseteq$			
Legend showing type of outlets		<u> </u>			
Book detection gates location		<u> </u>			
Security system components locations		<u> </u>		<u> </u>	
Surveillance cameras					
Motion and glass break detectors	┝╬┈	╀╬	<u> </u>	┝╠┼	
Magnetic door contacts	┝╬┈	부	┝╬┈	┝╠┼┼	
Card access system readers	<u> </u>	<del>                                     </del>	<del></del>	┝╠┼┼	
Public address system speaker locations		$\perp \sqcup$	igsqcut		
Landscape Section 16-703 (i) (13) (F), p. 7					
Preliminary planting plan	┝╠┈	<del>                                     </del>	<del></del>	┝╠┼┼	
Preliminary irrigation plan					

SUBMITTAL REQUIREMENTS		Grant Recipient Use Included in Submittal?		State Library Use Received in Submittal?		NOTES
			YES NO		NO	
	Preliminary details					
14	Draft Specifications Section 16-703, (i)(14), p. 7					
	Comprehensive, abbreviated descriptions of size, character, and quality of methods, materials, and systems					
	Coordinate with drawings					
	CSI format with applicable section numbers					
	Include all engineering specifications					
	Special or supplementary conditions specific to the project					
15	Detailed Construction Cost Estimate Section 16-703, (i)(15), p. 7					
	Summary of Cost Estimate					
	Breakdown for each major area of construction work in CSI format					
	Include individual item unit costs (materials, labor, and equipment)					
	Quantities and total quantity costs					
	Sales tax					
	General contractor's construction indirects (general conditions, overhead and profit)					
	Subcontractor's mark-ups listed separately					
	Project's building costs listed separately from site and utilities costs					